

SEQUENCE LISTING

<110> Kumaraswamy, Sriram
 Achyuthan, Komandoor
 Shi, Xiaobo
 Bergstedt, Troy
 Rininsland, Frauke
 McBranch, Duncan
 Whitten, David

<120> Assays for Protease Enzyme Activity

<130> 8971-032-27

<160> 9

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<220>
 <223> segment capable of recognizing and interacting
 with beta-secretase

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 beta-secretase

<221> BINDING
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 <223> Amino acid 1 (Thr) is attached by QSY-7 formula

<221> BINDING
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 <223> Amino acid 14 (Lys) is attached at the epsilon amino
 position to the biotin moiety

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 beta-secretase

<221> BINDING
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<400> 3
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<221> BINDING
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<223> Amino acid 1 (Thr) is attached by the AZO moiety

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<223> Amino acid 15 (Lys) is attached at the epsilon amino position to the biotin moiety

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Thr	Lys	Lys	Ile	Ser	Glu	Val	Asn	Leu	Asp	Ala	Glu	Phe	Arg	Lys
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<223> statine-derived peptide inhibitor of beta-secretase

<221> BINDING

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<223> Amino acids 8 and 9 (Asn and Val) are attached by a statine residue

<400> 6

Lys	Thr	Glu	Ile	Ser	Glu	Val	Asn	Val	Ala	Glu	Phe
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<223> bioconjugate structure

<221> BINDING

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<223> Amino acid 4 (Asp) is attached by the QSY-7' moiety

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Asp	Glu	Val	Asp
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<223> bioconjugate structure

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<223> Amino acid 4 (Asp) is attached by a Cyanine
Dye Moiety

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Asp Glu Val Asp

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<223> segment capable of being cleaved by a caspase
enzyme

<400> 9

Asp Glu Val Asp

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